

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	150	jedec adj2 tray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 20:34
S2	8	leveling and (Kiyokawa or Bahnck) or ("6135291" and canella)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 13:30
S3	6	("4556362" or "5966903" or "6135291").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 10:24
S4	4	vitronics and flip same (substrate or component or package)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 10:30
S5	10	vanguard and flip same (substrate or component or package)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 11:21
S6	362	(flip or invert) same (substrate or component or package) and (\$2ball\$2grid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 13:42
S7	2764	(flip\$3 or invert\$3 or pick\$3) same (substrate or component or package) same vacuum and (tray or holder or pocket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 21:58
S8	764	S7 and (probe or needle or anvil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 13:45
S9	5	("20030205799"   "5200366"   "5918746"   "6038136"   "6752204").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 13:50
S10	14	("3766439"   "4330790"   "4562924"   "4617605"   "4928206").PN. OR ("5343363").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:08
S11	18	("4298120"   "4406367"   "4411362"   "4489487").PN. OR ("4562924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:10
S12	39	("4406367"   "4411362"   "4562924"   "4657137").PN. OR ("4966281").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:11

S13	43	("20010032800"   "20020014465"   "4382024"   "4395362"   "4667944"   "4711014"   "4746574"   "4778326"   "4800126"   "4966281"   "5075038"   "5089314"   "5104581"   "5106538"   "5106540"   "5171796"   "5173524"   "5183969"   "5208103"   "5240753"   "5304418"   "5346765"   "5441809"   "5547082"   "5609969"   "5654369"   "5682731"   "5685885"   "5739193"   "5769237"   "5783294"   "5791486"   "5807507"   "5833073"   "5910560"   "5914191"   "5922453"   "6021904"   "6096163"   "6150446"   "6230896"   "6290274"   "6357595").PN. OR ("6926937").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:24
S14	68	("1198402"   "3158381"   "3190460"   "3465874"   "3520055"   "3562057"   "3652075"   "3707760"   "3809050"   "3920121"   "4221356"   "4285430"   "4395451"   "4410168"   "4428815").PN. OR ("4778326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:25
S15	12	("4667402"   "4850780"   "4859269"   "5270260"   "5343363"   "5411921"   "5524765"   "5589029"   "6201306"   "6204092"   "6555418"   "6589809").PN. OR ("6889427").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:49
S16	944	29/743.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 15:30
S17	4	("4556362"   "5966903"   "6019564"   "6135291").PN. OR ("6871394").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:33
S18	28	("3432049"   "3561618"   "4375126"   "4389272"   "4606117"   "4666358"   "4808291"   "4869801"   "4898507"   "4907701"   "5085312"   "5404894"   "5405230"   "5407314"   "5549444"   "5556248"   "5588797"   "5609463"   "5612068").PN. OR ("6019564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:33
S19	13	("3940908"   "4044937"   "4423815"   "4556362"   "4915565"   "4958982"   "4978253"   "5394973"   "5888127"   "5988065"   "6006890"   "6019564"   "6283693").PN. OR ("6551048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:53
S20	0	29/dig44.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:53
S21	0	29/dig45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:54
S22	0	29/dig44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 17:24
S23	638	228/49.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:30
S24	217	228/49.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:30
S25	2	"US 6871394 B2"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 20:34

S26	4	("4556362"   "5966903"   "6019564"   "6135291").PN. OR ("6871394").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/21 20:34
S27	2	"us 5492223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 21:31
S28	75468	((pin or probe or protrusion or needle or anvil) near10 (plate or tray or lift or lifter or extractor or extratction)) same (tray or holder or pocket or carrier or depression)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:41
S29	108827	(flip\$4 or invert\$3 or ((obverse or top or bottom or other) near2 side)) near10 (chip or substrate or component or package or die or dice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 09:30
S30	26	414/223.02,226.04.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 09:31
S31	1368	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 09:38
S32	23	("2355643"   "3191791"   "3518752"   "4335989"   "4661033"   "4818383"   "4944651"   "5203452"   "5335771"   "5400904"   "5418692"   "5481438"   "5492223"   "5551572"   "5636745"   "5848702"   "5890599"   "6139243").PN. OR ("6375408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 10:11
S33	8	("5203454"   "5246129"   "5392932"   "5407068"   "5450959"   "5492223"   "5551572"   "5636745").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 10:39
S34	100	("0065896"   "0066492"   "0105901"   "0213772"   "0220390"   "0227633"   "0319954"   "0452994"   "0909939"   "1027079"   "1081701"   "1156459"   "1464967"   "1520227"   "1538367"   "1767553"   "1829689"   "1850131"   "1935901"   "1952612"   "1967040"   "1982820"   "2078488"   "2109965"   "2134908"   "2199201"   "2226844"   "2593566"   "3143059"   "3311231"   "3381873"   "3628818"   "3745973"   "3848564"   "3988834"   "4181745"   "4370941"   "4371555"   "4419103"   "4531575"   "4573586"   "4664925"   "4693205"   "4798133"   "4798162"   "4853240"   "4967687"   "5063871"   "5074239"   "5164009"   "5348766"   "5565229"   "D144441"   "D154910"   "D160375"   "D168879"   "D178858"   "D179668"   "D363496"   "D363497").PN. OR ("5895679").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 10:51
S35	33	("3414962"   "3641666"   "3653411"   "4109788"   "4381321"   "4393808"   "4395184"   "4406373"   "4502094"   "4526129"   "4598821"   "4669416"   "4788931"   "4847991"   "4859498"   "4903393"   "4920915"   "4928821"   "4953283"   "4970781"   "5007534").PN. OR ("5337893").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 11:10
S36	182918	S28 or S29 not (S30 or S31 or S32 or S33 or S34 or S35)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:38

S37	9125586	(pin or probe or protrude\$5 or needle or anvil) near S32 (push\$3 or force\$3 or align\$3 or raise\$3 or elevate\$3 or level\$3 or extract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:40
S38	9141	((pin or probe or protrude\$5 or needle or anvil) near4 (push\$3 or force\$3 or align\$3 or raise\$3 or elevate\$3 or level\$3 or extract\$3)) near4 (tray or holder or pocket or carrier or depression)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:43
S39	3110	S38 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:44
S40	38135	(vacuum or suction) adj3 (cup or pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:44
S41	25927	S40 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:45
S42	73	S39 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 13:15
S43	693	(S39 or S41) and solder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 13:15
S44	1162	(S39 or S41) and solder\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 13:16
S45	63	("3320658"   "3719981"   "4056302"   "4097266"   "4175821"   "4462534"   "4701133"   "5055971"   "5098311"   "5299939"   "5306171"   "5324569"   "5346118"   "5355283"   "5400904"   "5406701"   "5409157"   "5435482"   "5442852"   "5477933"   "5491303"   "5576519"   "5593322"   "5615477"   "5653598"   "5691041"   "5702255"   "5730606"   "5772451"   "5873162"   "5876219"   "5893763"   "5899760"   "5910023"   "6024584"   "6041495"   "6042389"   "6079991"   "6093035"   "6093042"   "6095832"   "6116923"   "6155848"   "6155860"   "6164983"   "6183268"   "6193537"   "6241535"   "6264490"   "6284984"   "6313999"   "6325644"   "6330164"   "6336823"   "6375474"   "6394822"   "6471526"   "6478588"   "6494725"   "6527597"   "6558174"   "6561819").PN. OR ("6860741").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 13:38

S46	125	(US-20020030086-\$ or US-20020092886-\$ or US-20030154597-\$ or US-20030201549-\$ or US-20040129452-\$ or US-20040149804-\$ or US-20040206800-\$ or US-20030140476-\$ or US-20040261257-\$ or US-20030017663-\$ or US-20020166886-\$ or US-20020109518-\$ or US-20020093080-\$).did. or (US-3057056-\$ or US-3252192-\$ or US-3720309-\$ or US-3898714-\$ or US-3937386-\$ or US-4135630-\$ or US-4235014-\$ or US-4404741-\$ or US-4562924-\$ or US-4611397-\$ or US-4611743-\$ or US-4657137-\$ or US-4778326-\$ or US-4790921-\$ or US-4859269-\$ or US-5082681-\$ or US-5177528-\$ or US-5186328-\$ or US-5199564-\$ or US-5234104-\$ or US-5303824-\$ or US-5343363-\$ or US-5381937-\$ or US-5482198-\$ or US-5492223-\$ or US-5518120-\$).did. or (US-5547082-\$ or US-5791486-\$ or US-5895554-\$ or US-5979739-\$ or US-6003676-\$ or US-6024526-\$ or US-6029427-\$ or US-6055328-\$ or US-6111417-\$ or US-6129257-\$ or US-6139403-\$ or US-6146912-\$ or US-6176373-\$ or US-6202292-\$ or US-6204092-\$ or US-6209532-\$ or US-6213376-\$ or US-6230896-\$ or US-6282812-\$ or US-6284554-\$ or US-6302313-\$ or US-6347037-\$ or US-6364196-\$ or US-6383303-\$ or US-6391683-\$ or US-6412685-\$ or US-6425709-\$).did. or (US-6448801-\$ or US-6484927-\$ or US-6505397-\$ or US-6551048-\$ or US-6560117-\$ or US-6561743-\$ or US-6747464-\$ or US-6844216-\$ or US-6869264-\$ or US-6871394-\$ or US-6887330-\$ or US-6889427-\$ or US-6915943-\$ or US-6926937-\$ or US-4208159-\$ or US-4556362-\$ or US-6171049-\$ or US-6517691-\$ or US-5613611-\$ or US-6484881-\$ or US-6474477-\$ or US-6446692-\$ or US-6423966-\$ or US-6375408-\$ or US-6139243-\$ or US-6331225-\$ or US-6205745-\$).did. or (US-5966903-\$ or US-5909839-\$ or US-5807066-\$ or US-5361914-\$ or US-5337893-\$ or US-6215098-\$ or US-5785484-\$ or US-4903393-\$ or US-4472218-\$ or US-3918146-\$ or US-6492187-\$ or US-5409368-\$ or US-3932087-\$ or US-3805478-\$ or US-6887723-\$ or US-6869008-\$ or US-6581278-\$ or US-6474476-\$ or US-6213386-\$ or US-4799617-\$ or US-4796560-\$ or US-4549200-\$).did. or (US-3288088-\$ or US-2355643-\$ or US-3191791-\$).did. or (US-4556362-\$ or US-5966903-\$ or US-6135291-\$ or US-6590285-\$ or US-6829149-\$ or US-20040261257-\$ or US-20030140476-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/23 15:41
S47	3	S46 and "6019564"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 15:41
S48	13	("3940908"   "4044937"   "4423815"   "4556362"   "4915565"   "4958982"   "4978253"   "5394973"   "5888127"   "5988065"   "6006890"   "6019564"   "6283693").PN. OR ("6551048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 15:42